



GeoTracker GAMA

OCTOBER | 2009

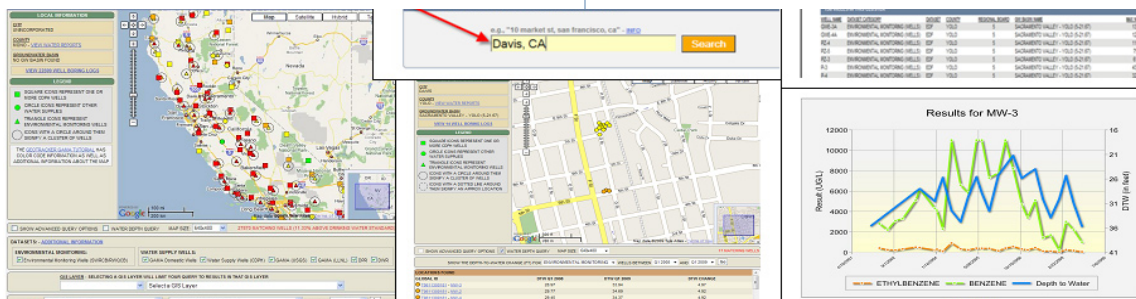
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GeoTracker GAMA integrates and geographically displays water quality data from multiple sources through public and secure portals. It has analytical tools and reporting features to assess groundwater quality and identify potential groundwater issues in relationship to roads, satellite imagery, and terrain using Google maps filtered by county, legislative district, groundwater basin, etc. There are a number of reports that allow users to see hits above chemical contaminant thresholds and water level data are also displayed. These data can be exported for use in other programs.

GeoTracker GAMA infrastructure is flexible to integrate and report on large, complex, scientific datasets from public agencies and private parties. It continues to receive datasets for groundwater quality information as well as potential contaminant sources using GeoTracker's secure Electronic Submission of Information (ESI) module for reporting of laboratory data and reports. Current groundwater quality data sets include, from largest to smallest:

- Water Board Groundwater Monitoring from Cleanup Sites (EDF)
- 103,000,000 records



GeoTracker GAMA is the data management system envisioned by the Groundwater Quality Monitoring Act of 2001 (AB 599, Water Code Section 10781) which found that the lack of information about groundwater contamination greatly impairs the ability of regulators and the public to protect the state's groundwater. The law requires the State Board to design a database compatible with GeoTracker capable of making groundwater quality information from multiple sources available to the public. The AB 599 plan also provided that GeoTracker GAMA would not only include information on locations and water quality of wells which could be affected by contaminants, but also all potential sources of groundwater impacts, such as USTs, military facilities, industrial sites, landfills, dairies, and POTWs.

GeoTracker GAMA secure portal allows authorized agencies and data owners to use an interactive map with advanced query features and access to confidential information.

- Water Board Water Levels from Monitoring Wells at Cleanup Sites - 1,830,000 records
- CDPH Public Drinking Water Quality Data ~20,000,000 records
- Water Board Well/Bore Logs from Cleanup Sites - 63,000 records
- DWR Well Completion Reports/Driller Logs - 692,198 records (Secure portal only)
- DPR Pesticide Data - 13,444 records
- US Geological Survey GAMA Drinking Water Well Water Quality Data - 18,890 records
- Water Board GAMA Domestic Well Water Quality Data - 13,781 records
- Lawrence Livermore National Laboratory GAMA Drinking Water Well Water Quality Data - 2,031 records

